

General Disclaimer

One or more of the Following Statements may affect this Document

- This document has been reproduced from the best copy furnished by the organizational source. It is being released in the interest of making available as much information as possible.
- This document may contain data, which exceeds the sheet parameters. It was furnished in this condition by the organizational source and is the best copy available.
- This document may contain tone-on-tone or color graphs, charts and/or pictures, which have been reproduced in black and white.
- This document is paginated as submitted by the original source.
- Portions of this document are not fully legible due to the historical nature of some of the material. However, it is the best reproduction available from the original submission.

INDIAN INSTITUTE OF GEOMAGNETISM

E83-10030

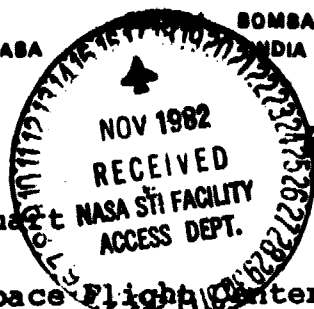
GRAMS : OBSERVATORY BOMBAY COLABA

BOMBAY 400 005. INDIA

OR-169503

TELEPHONES : 211245 OFFICE
214530
211378 DIRECTOR

Ref. No. 2-115/MAGSAT

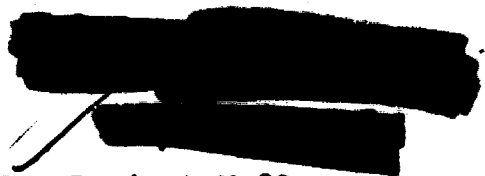


RECEIVED Date May 8th 1981

OCT 22, 1981

Dr. Locke M Stuart
Code 902
NASA/Goddard Space Flight Center
Greenbelt, MD 20771, U.S.A.

SIS/902.6
M-038
TYPE II



Sub:- Quarterly report on MAGSAT Project M-38

Dear Dr. Stuart,

This is in response to your telex received here on 10th April 1981. We are thankful to you for sending us the MAGSAT data on the prescribed schedule. You might recall that we had requested you to send us MAGSAT software tape vide our letter No.4156/MAGSAT of August 12, 1980. We are again thankful for your immediate attention in requesting Dr. James I. Vette to send us the software, which he did on September 19. Unfortunately the tape reached us only on March 31. This considerably slowed down our work. However, now we have made some progress after receiving the software sent to us. The status of the project is listed below:

1. Programmes for the conversion of MAGSAT tapes (both chronicle and chronint formats) from IBM binary to DEC 10 binary had been developed (in assembly language).
2. Programmes for selection of only a particular part of chronicle tape (eg. passes over the Indian sub continent) have also been developed.
3. Data on a few selected quiet and disturbed days have been studied by subtracting the main field and the anomalies over the Indian region have been partly identified on few of the passes.
4. A national Workshop on MAGSAT was arranged. Potentialities and usefulness of MAGSAT data particularly in the study of crustal lithology was discussed in detail.

We shall continue to inform you our progress regularly.

Thanking you,

ORIGINAL PAGE IS
OF POOR QUALITY

Yours sincerely,

R.G. Rastogi

(R.G. RASTOGI)

CC To:

1. Dr. James I Vette, Director, WDDC-A Rocket & Satellites, GSFC-Code 601 Greenbelt, Maryland 20771, USA
2. Dr. Robert A Langel, Code 922, NASA/GSFC, Greenbelt, MD 20771, USA.

"Made available under NASA sponsorship in the interest of early and wide dissemination of Earth Resources Survey Program information and without liability for any use made thereof."

M83-13524

Unclas
G3/43 00030

(E83-10030) MAGSAT PROJECT Quarterly Report (Indian Inst. of Geomagnetism, Bombay.) 1 p HC A02/NF A01 CSCI 05B